

1 **In the Claims**

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3 1. (Previously Presented) One or more computer-readable media  
4 having computer-readable instructions thereon which, when executed, implement  
5 an extensible electronic document editor comprising:

6 a selection services component comprising a selection services interface  
7 that provides one or more methods to enable an editor extension to override a  
8 selection function provided by the electronic document editor and provide a  
9 customized model for the selection function, and to clear, add or remove a  
10 segment from a selection object using the customized model for the selection  
11 function;

12 a designer extensibility mechanism;

13 a plurality of designers, wherein the designers communicate with the  
14 electronic document editor through the designer extensibility mechanism and  
15 through the selection services component;

16 a designer registry including respective entries for the designers, wherein  
17 the entries are arranged in sequential order; and

18 an event routing controller adapted to route events to at least one of the  
19 designers based at least in part on the sequential order of the entries in the designer  
20 registry.

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22 2. (Previously Presented) The one or more computer readable  
23 media of claim 1, wherein one of the methods provided further comprises a  
24 method that adds an element segment to an editable selection.  
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1           3.     (Previously Presented)     The one or more computer readable  
2 media of claim 1, wherein the selection services interface is adapted to enable the  
3 extensible electronic document editor to interact with the customized selection  
4 model without exposing details of the editor extension.

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6           4.     (Previously Presented)     The one or more computer readable  
7 media of claim 1, wherein one of the methods provided further comprises a  
8 method that adds a segment to an editable selection.

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10          5.     (Previously Presented)     The one or more computer readable  
11 media of claim 1, wherein one of the methods provided further comprises a  
12 method that removes a segment from an editable selection.

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14          6.     (Previously Presented)     The one or more computer readable  
15 media of claim 1, wherein one of the methods provided further comprises a  
16 method that sets a selection type.

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18          7.-22.     (Canceled)

1           23. (Previously Presented) A computer-readable medium having  
2 computer-executable instructions for one or more interfaces that, when executed  
3 by an extensible electronic document editor on a computer, perform the following:

4                 override a selection function provided by the electronic document  
5 editor to provide a customized model for the selection function;

6                 register one or more designers in a sequential order;

7                 route an event to at least one of the one or more designers based at  
8 least in part on the sequential order in which the one or more designers are  
9 registered;

10                receive parameters from one of the one or more designers through a  
11 selection services interface;

12                utilize the parameters to clear, add or remove a selected segment  
13 from a selection object of an electronic document using the customized  
14 model for the selection function;

15                return values to the designer regarding the state of the selected  
16 segment.

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18           24. (Original) The computer-readable medium as recited in claim 23,  
19 wherein the utilizing the parameters further comprises utilizing the parameters to  
20 add an element segment to an editable selection.

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22           25. (Previously Presented) The computer-readable medium as  
23 recited in claim 23, wherein overriding the selection function includes enabling the  
24 extensible electronic document editor to interact with the customized selection  
25 model without exposing details of the designer.

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2           26.    (Original)    The computer-readable medium as recited in claim 23,  
3 wherein the utilizing the parameters further comprises utilizing the parameters to  
4 add a segment to an editable selection.

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6           27.    (Original)    The computer-readable medium as recited in claim 23,  
7 wherein the utilizing the parameters further comprises utilizing the parameters to  
8 remove a segment from an editable selection.

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10          28.    (Original)    The computer-readable medium as recited in claim 23,  
11 wherein the utilizing the parameters further comprises utilizing the parameters to  
12 set a selection type.

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14          29.-35. (Canceled)

1           36. (Previously Presented) A method for providing selection  
2 services to one or more extensions in an extensible editor, the method comprising:  
3           receiving a request from an extension to utilize a selection services  
4 component;  
5           facilitating the request by presenting a selection services interface  
6 that is accessible by the extension and that overrides a selection function  
7 provided by the extensible editor to provide a customized model for the  
8 selection function;  
9           registering the one or more extensions in a sequential order;  
10          routing an event related to the selection services component to at  
11 least one of the one or more extensions based at least in part on the  
12 sequential order in which the extensions are registered; and  
13          communicating with the at least one of the one or more extensions  
14 through the selection services interface to enable the extension to clear, add,  
15 or remove a selected segment from a selection object of an electronic  
16 document using the customized model for the selection function.  
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18          37. (Original) The method as recited in claim 36, wherein the  
19 selection services interface further comprises a method to add an element segment  
20 to an editable selection, and wherein the communicating further comprises  
21 communicating with the extension through the selection services interface.  
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1           38. (Previously Presented) The method as recited in claim 36,  
2 wherein the selection services interface is adapted to enable the extensible  
3 electronic document editor to interact with the customized selection model without  
4 exposing details of the extension.

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6           39. (Original) The method as recited in claim 36, wherein the  
7 selection services interface further comprises a method to add a segment to an  
8 editable selection, and wherein the communicating further comprises  
9 communicating with the extension through the selection services interface.

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11           40. (Original) The method as recited in claim 36, wherein the  
12 selection services interface further comprises a method to remove a segment from  
13 an editable selection, and wherein the communicating further comprises  
14 communicating with the extension through the selection services interface.

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16           41. (Original) The method as recited in claim 36, wherein the  
17 selection services interface further comprises a method to set a selection type, and  
18 wherein the communicating further comprises communicating with the extension  
19 through the selection services interface.

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21           42.-60. (Canceled)  
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